

## Summary

### Procedure for Consolidating and Sealing a Tube

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The invention refers to a procedure for consolidating and sealing a tube, whereby the tube is positioned between a sonotrode and an associated anvil of an ultrasonic welding device, the sonotrode being activated and displaced relative to the counter electrode for consolidating and sealing the tube. In order to enable automatic consolidating and sealing of a tube without individually entering the data of the tube into an ultrasonic welding device in advance, the following steps are proposed:

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- positioning the tube and fixing it between the sonotrode and counter electrode,
- determining a characteristic variable of the tube with the tube being fixed between the sonotrode and counter electrode,
- retrieving stored welding parameters on the basis of the characteristic variable and
- activating the sonotrode and moving the sonotrode and counter electrode in relation towards each other for consolidating and sealing the tube.

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